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# Agrupamento

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# Modelo 1

K-Means

Normalizados usando o  
StandardScaler

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## Número de Clusters

O melhor coeficiente da silhueta foi encontrado com 2 clusters

Coeficiente da silhueta médio

2 - 0.30

3 - 0.18

4 - 0.19

5 - 0.20

6 - 0.20

7 - 0.21

8 - 0.20

9 - 0.20

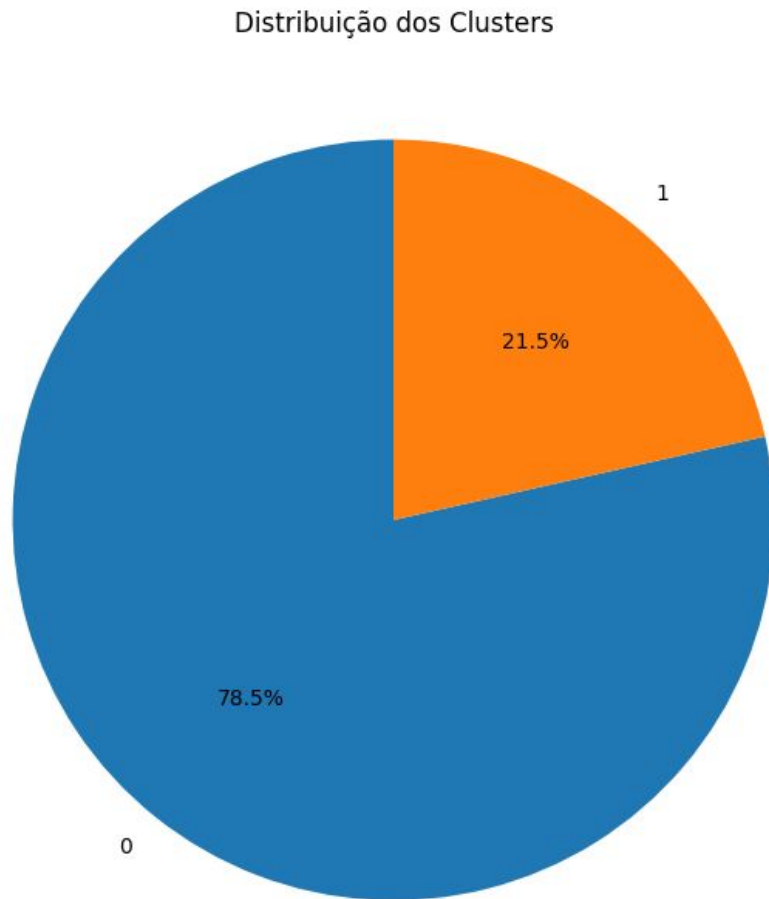
0 melhor número de clusters é: 2

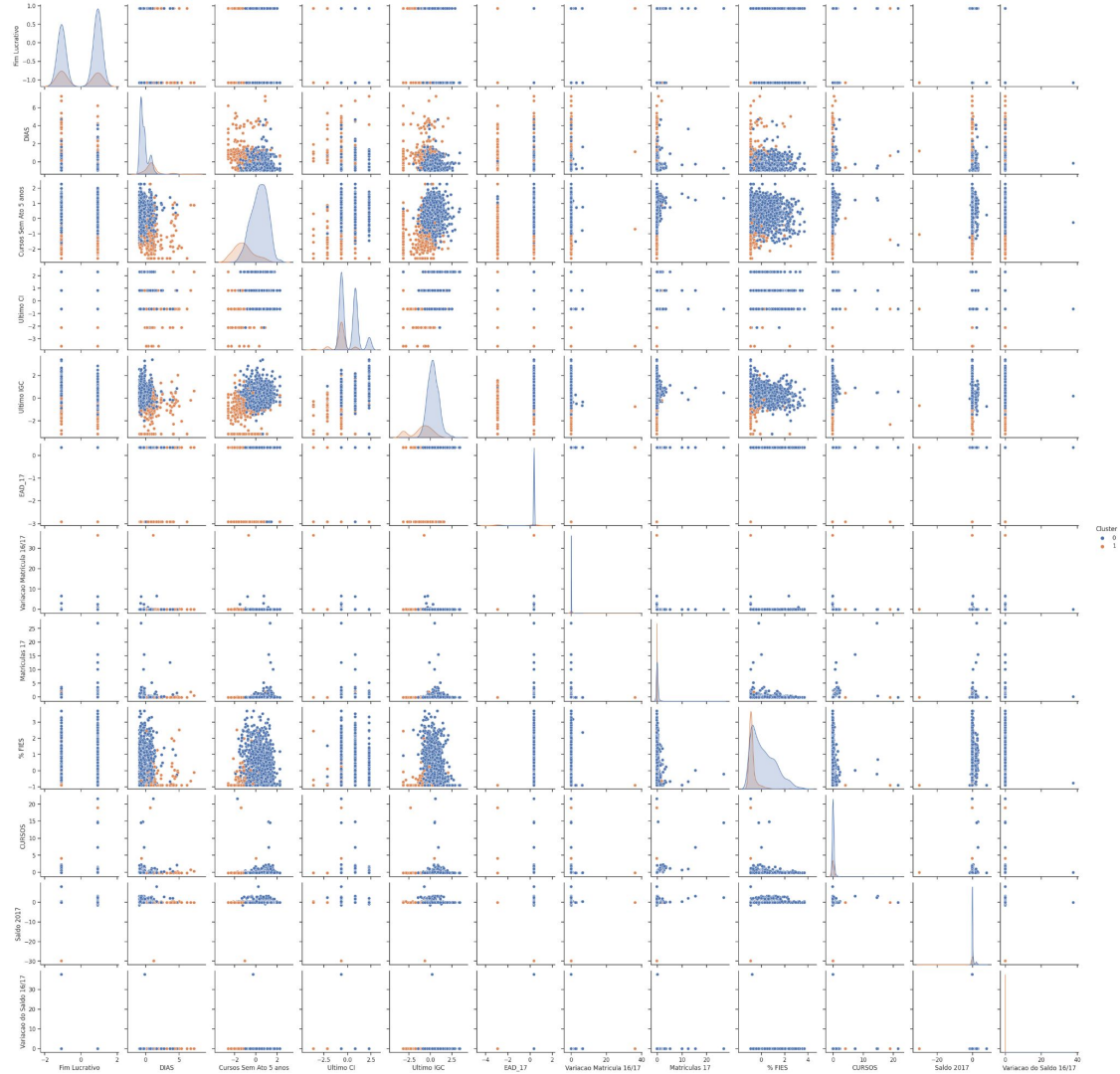
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## Distribuição dos Clusters

0 - 1115

1 - 305





# Modelo 2

DBSCAN

Normalizados usando o  
StandardScaler

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# Distribuição dos Grupos

Raio Máximo: 1.5

Mínimo para um cluster: 30

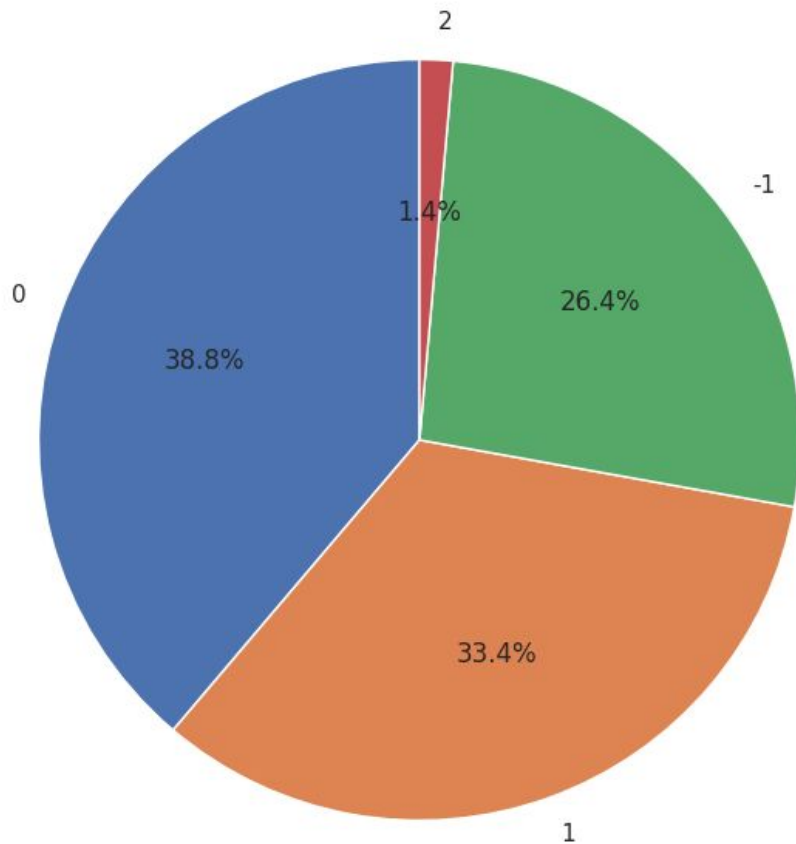
-1 - 375

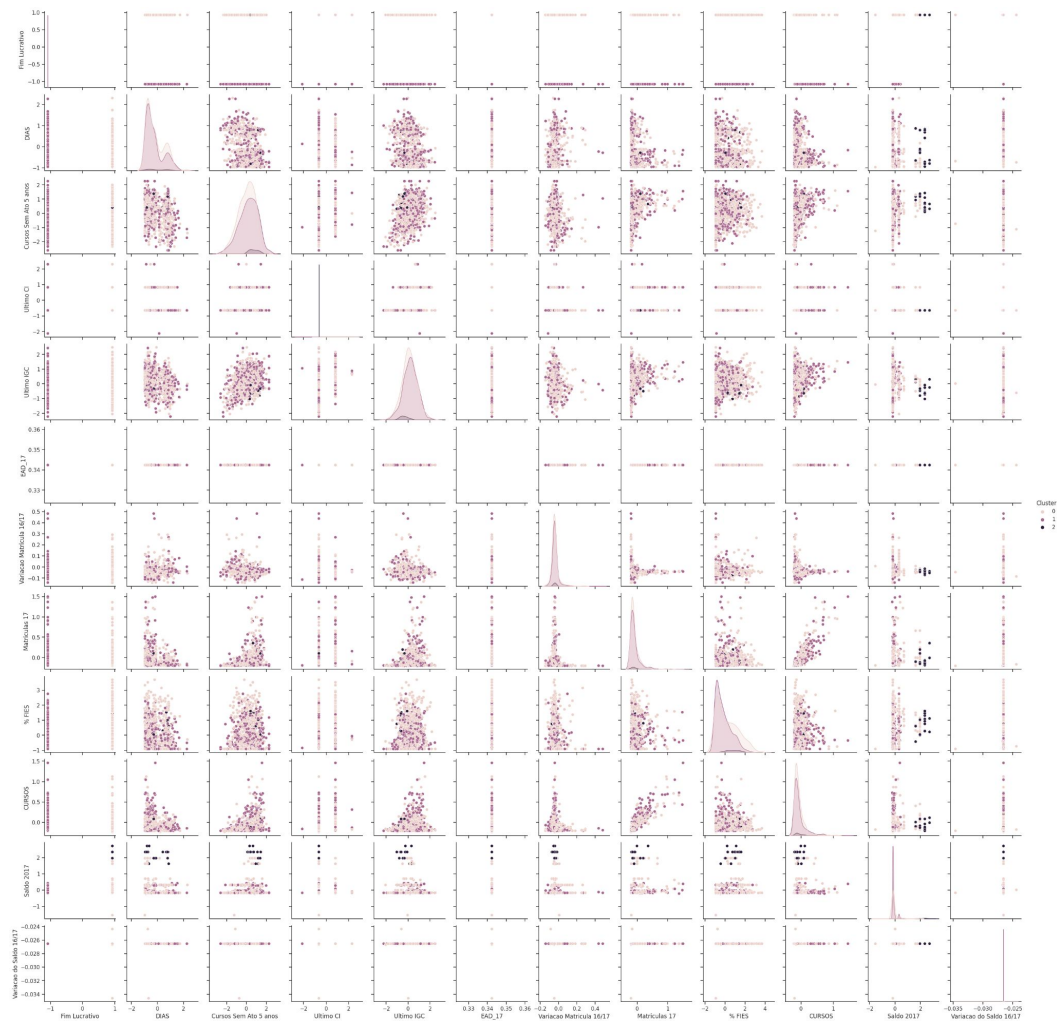
0 - 551

1 - 475

2 - 20

Distribuição dos Clusters







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# Comparativo

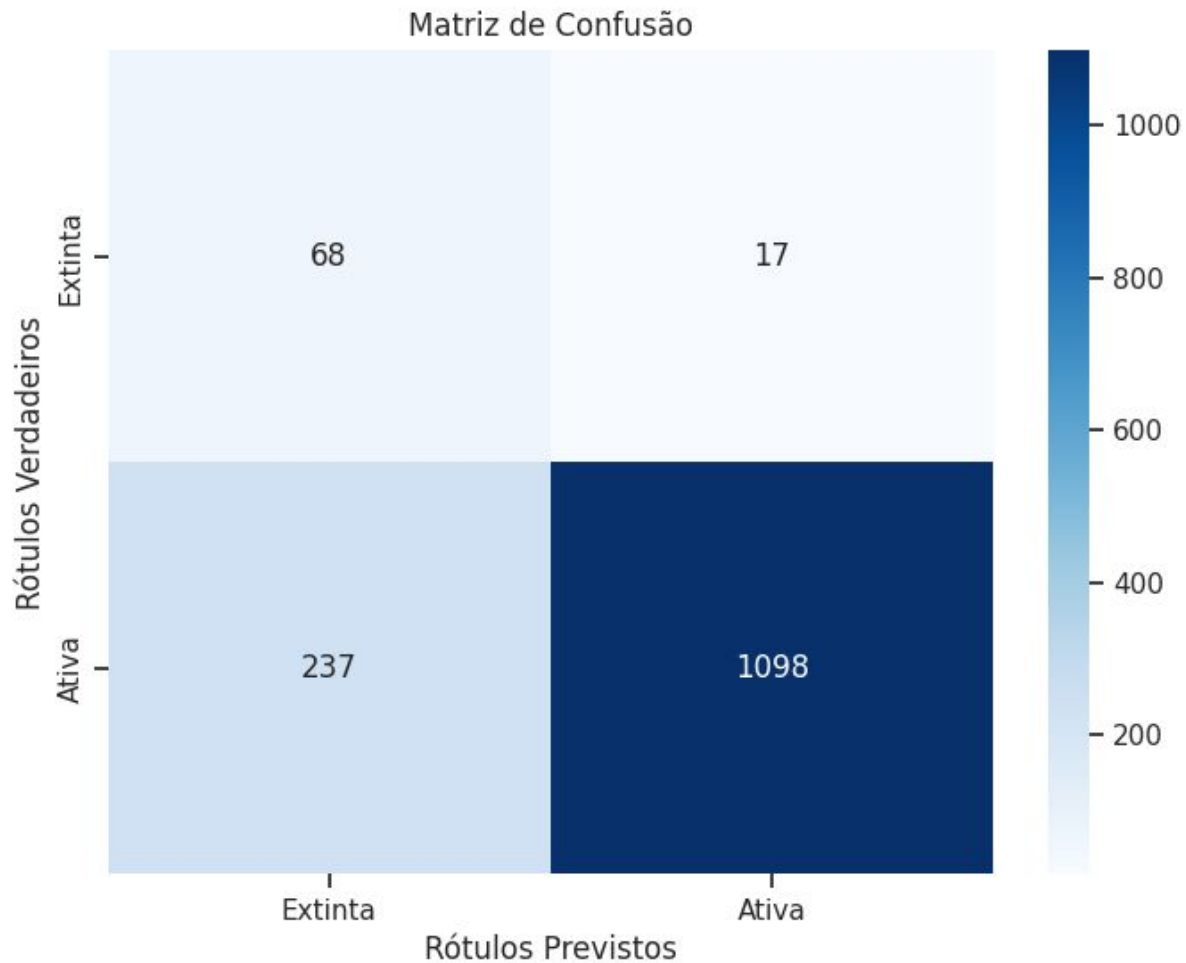
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# K-Means

Precisão: 98,4%

Exatidão: 82,2%

Acurácia: 82,1%

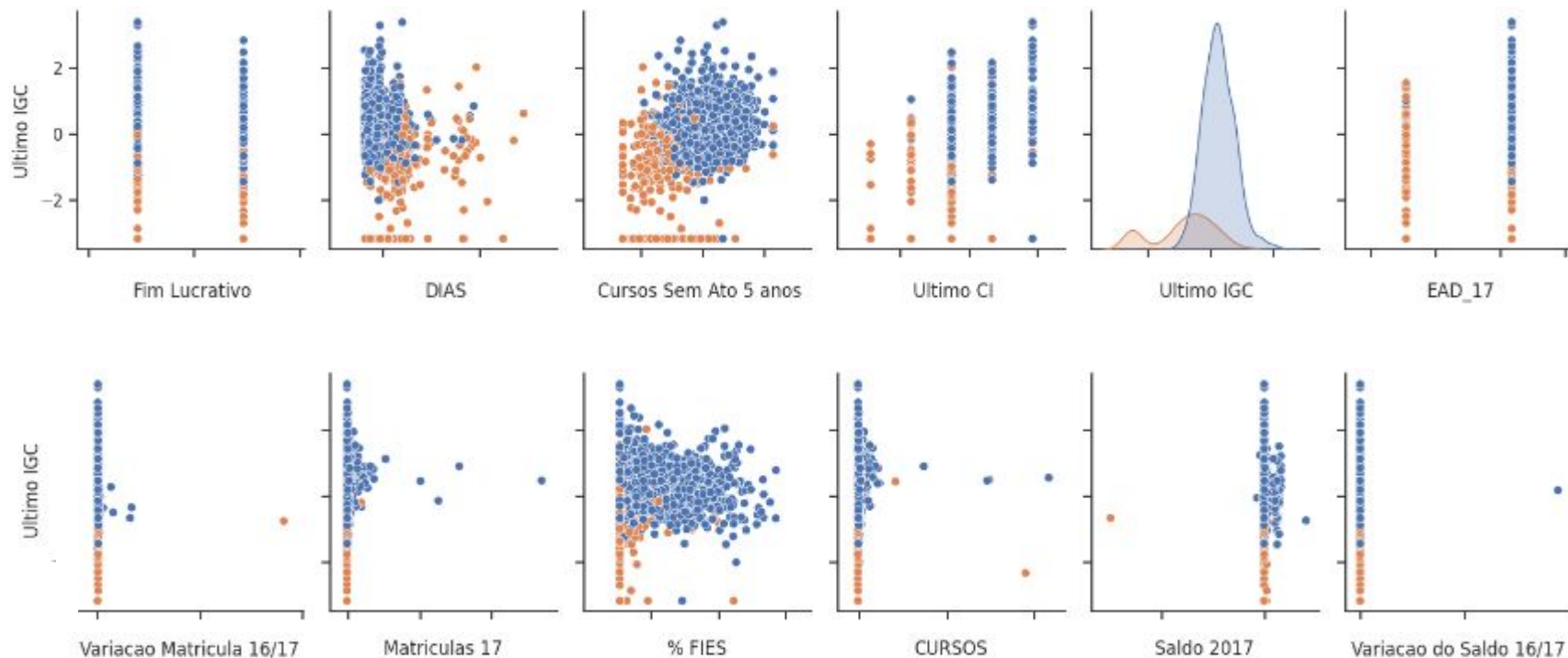


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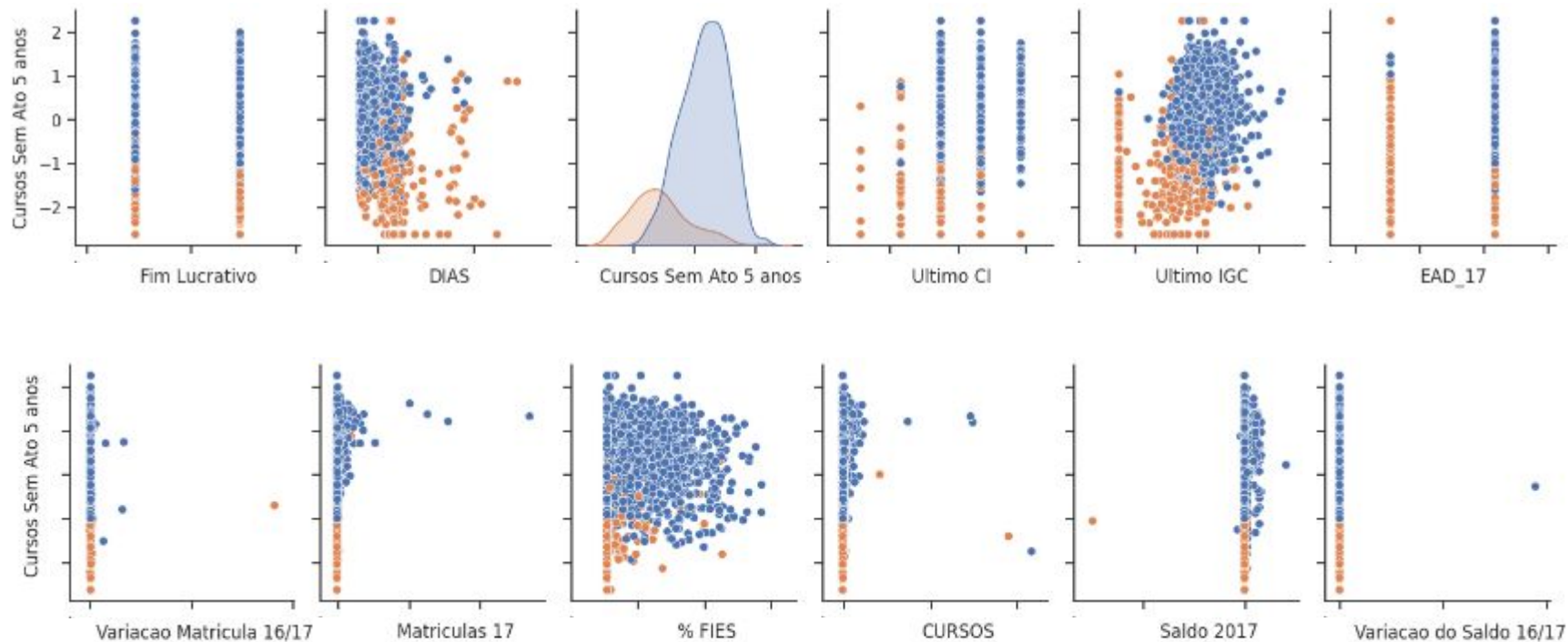
# Resultados

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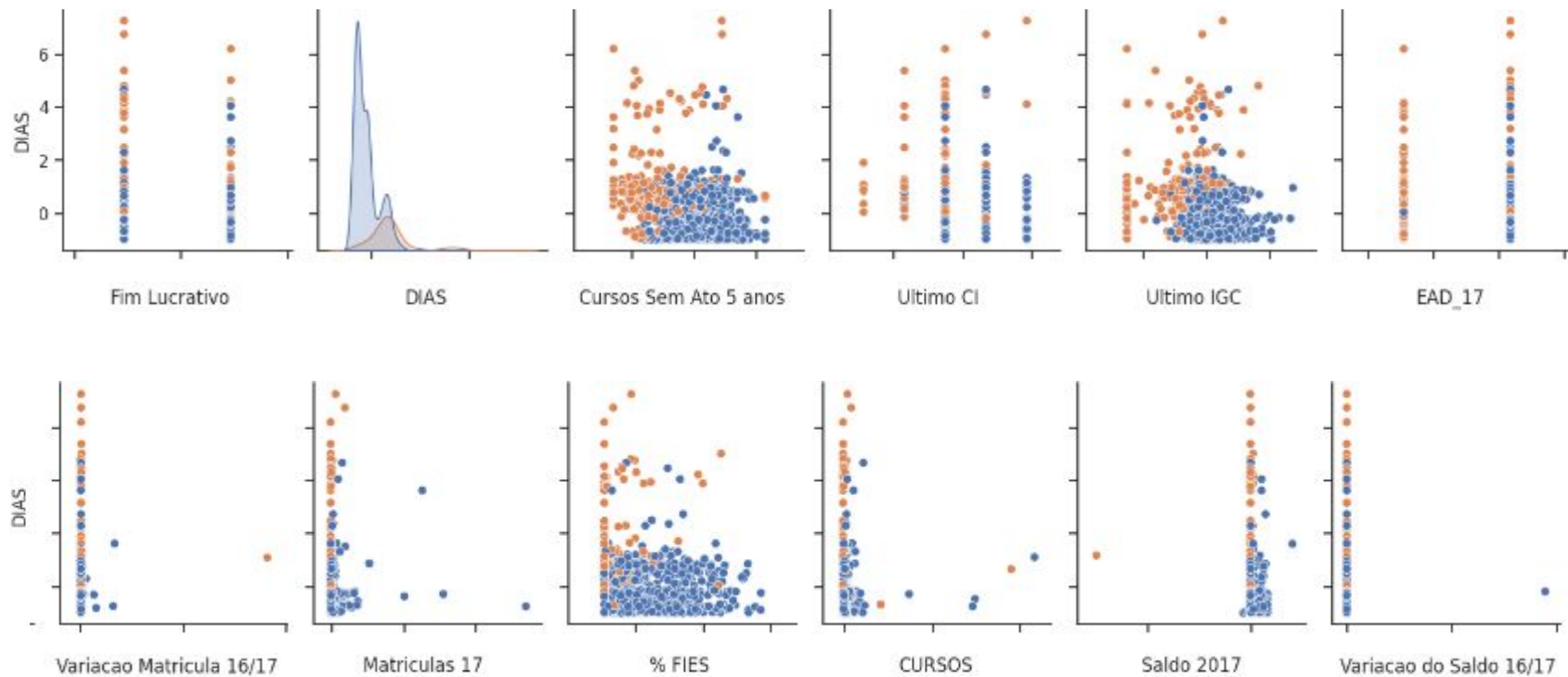
# Ultimo IGC



# Cursos Sem Ato 5 anos



# DIAS



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Obrigado!

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